

Figure 1A.

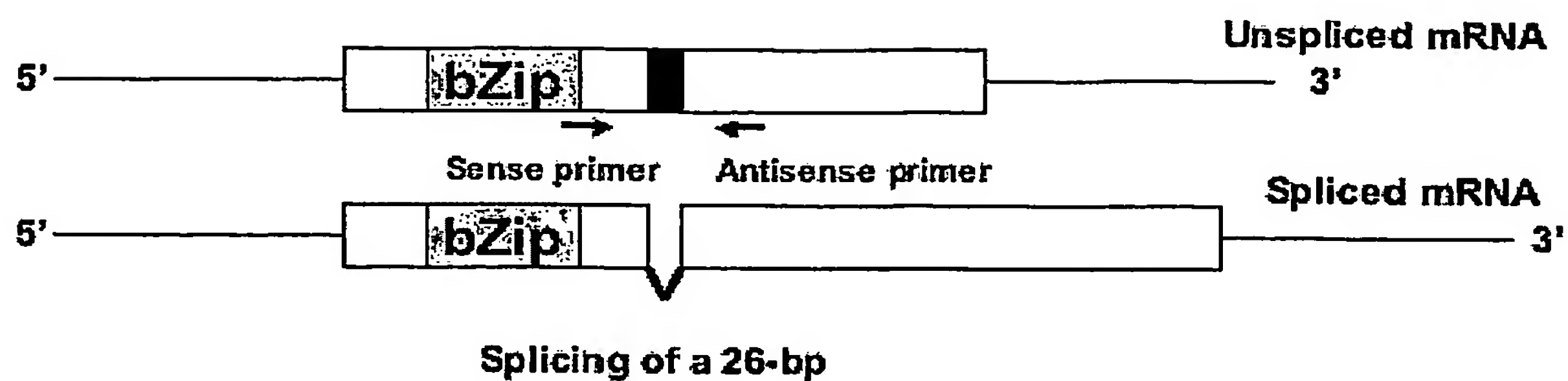


Figure 1B.

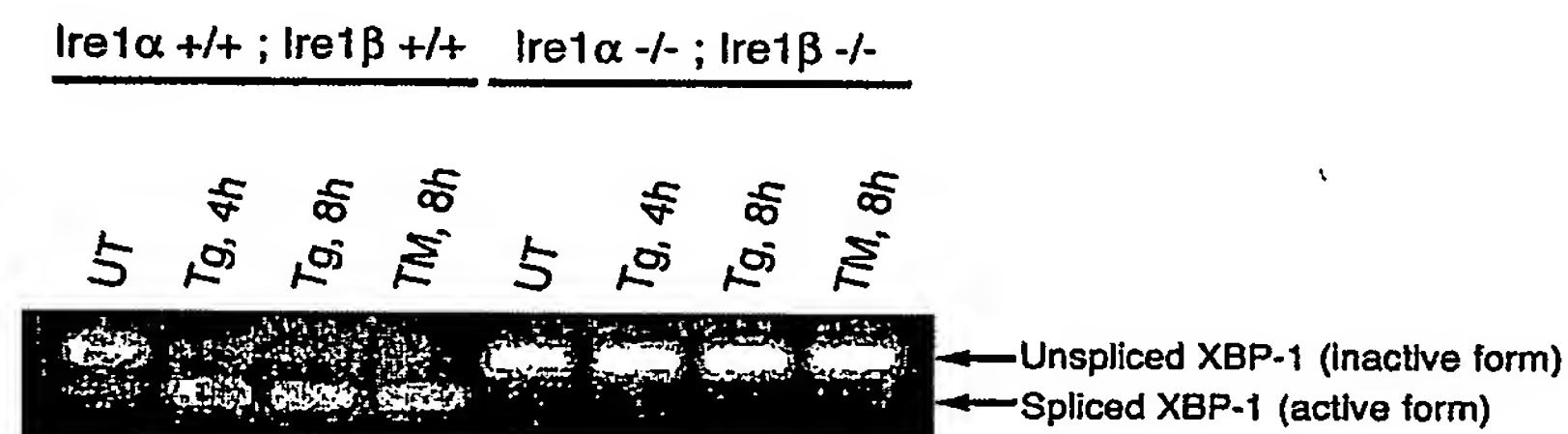


Figure 2A.

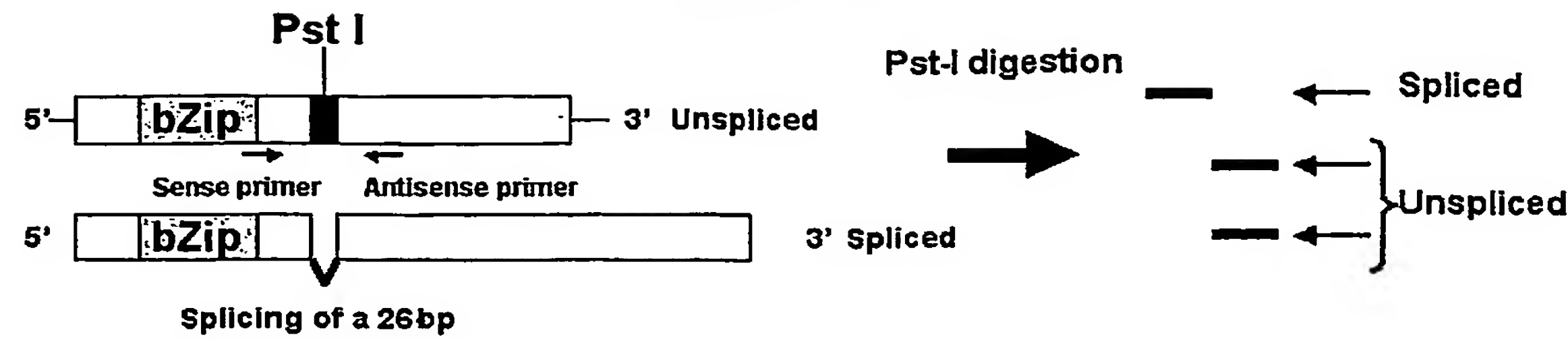


Figure 2B.

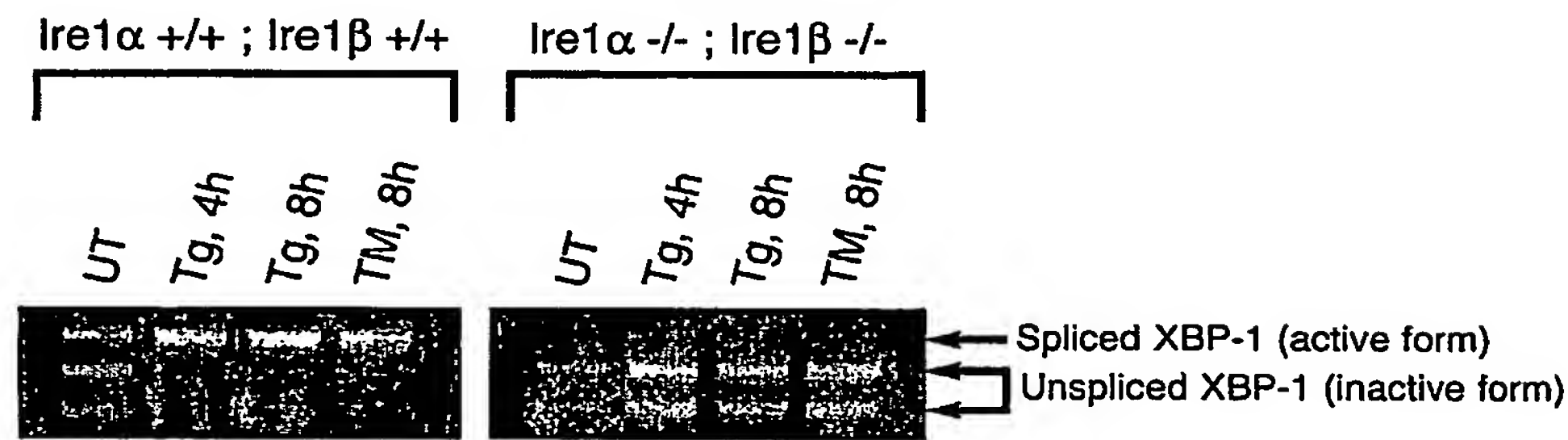


Figure 3.

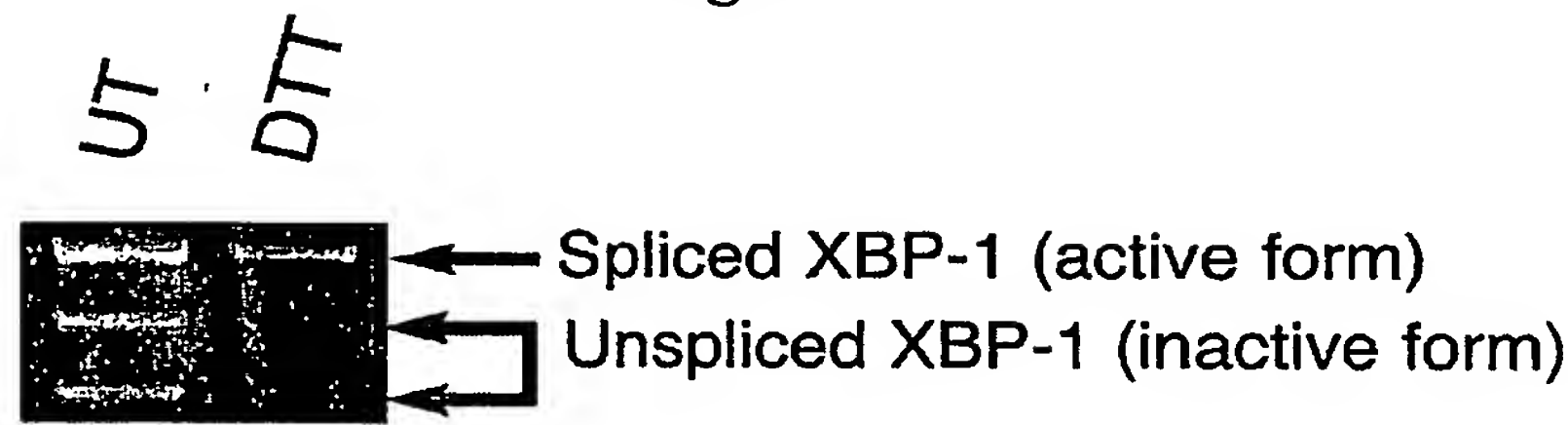


Figure 4

Figure 5A

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241 tgaaaaacag agtagcagct cagactgcc gagatcgaaa gaaggctcga atgagtgage
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1621 tcaagaatct tttgtgaaat tatagaaatt tactatgtaa atgcttgatg gaattttttc
1681 ctgctagtgt agcttctgaa aggtgctttc tccatttatt taaaactacc catgcaatta
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Figure 5B

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EPASLEELPEVYPEGPSSLPASLSLSVGTSSAKLEAINELIRFDHIYTKPLVLEIPSETESQANVVVKIEE
APLSPSENDHPEFIVSVKEEPVEDDLVPELGISNLLSSSHCPKPSSCLLDAYSDCGYGGSLSPFSDMSSLL
GVNHSWEDTFANELFPQLISV (SEQ ID NO:2)

Figure 6A

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181 cgcgcaagcg acagcgcctc acgcacctga gccccgagga gaaggcgctg aggaggaaac
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421 ggatggatgc cctggttgct gaagaggagg cgggaagccaa ggggaatgaa gtgaggccag
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841 ctctgagaca gagagccaag ctaatgtggt agtgaaaatc gaggaagcac ctctcagccc
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1141 ctttccccag ctgattagtgt tctaaggaat gatccaatac tgttgccctt ttccttgact
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1381 tattactata attgagaact acagctttta agattgtact tttatcttaa aagggtggtg
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1681 atgtaaatgc ttgatggaat ttttctctgc tagtgtagct tctgaaaggt gctttctcca
1741 tttattttaa actacccatg caattaaaag gccttcgtgg cctcgag (SEQ ID NO:3)

Figure 6B

MVVVAAAPNPADGTPKVLLLSGQPASAAGAPAGQALPLMVPAQRGASPEAASGGLPQARKRQRLTHLSPEE
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Figure 7

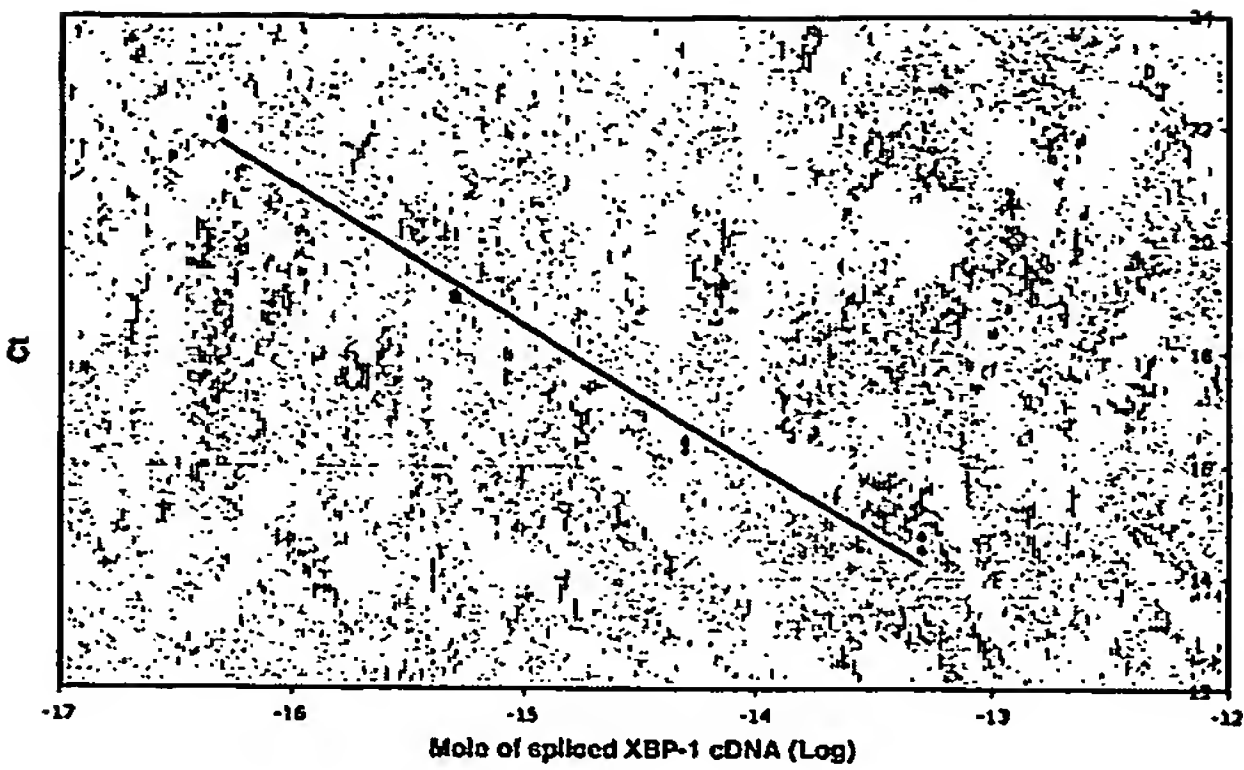


Figure 8

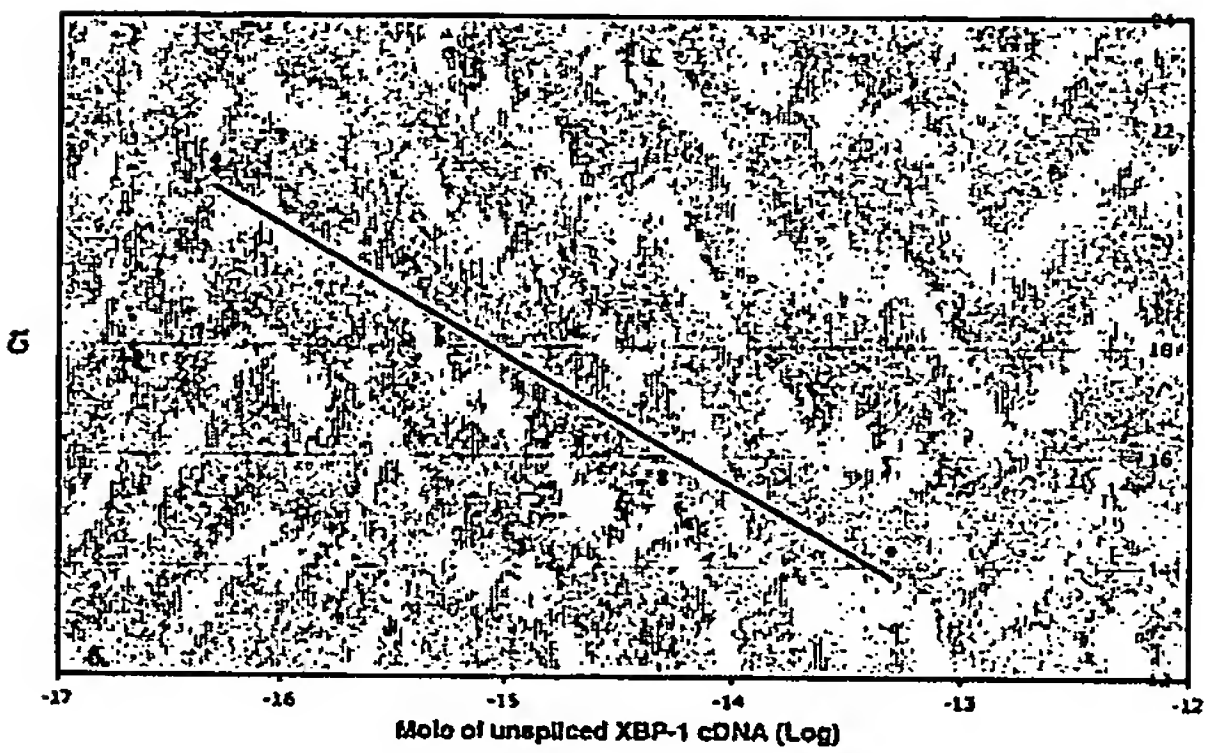


Figure 9

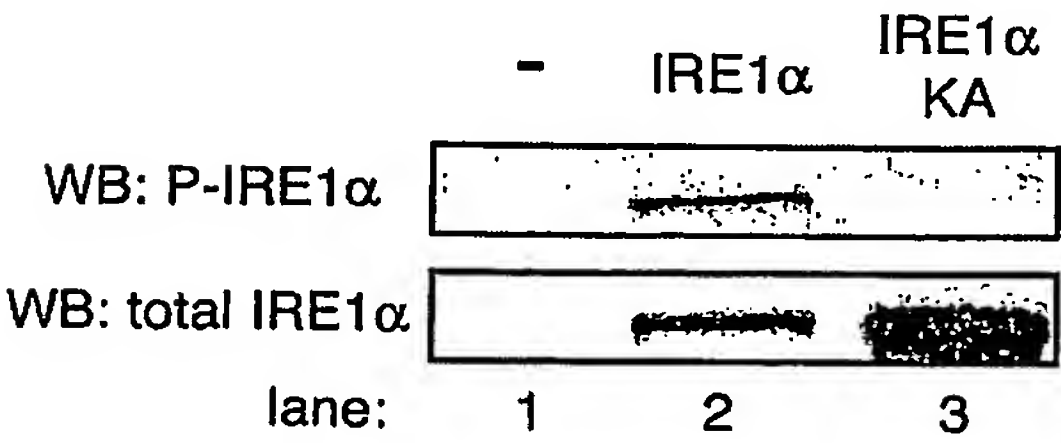


Figure 10

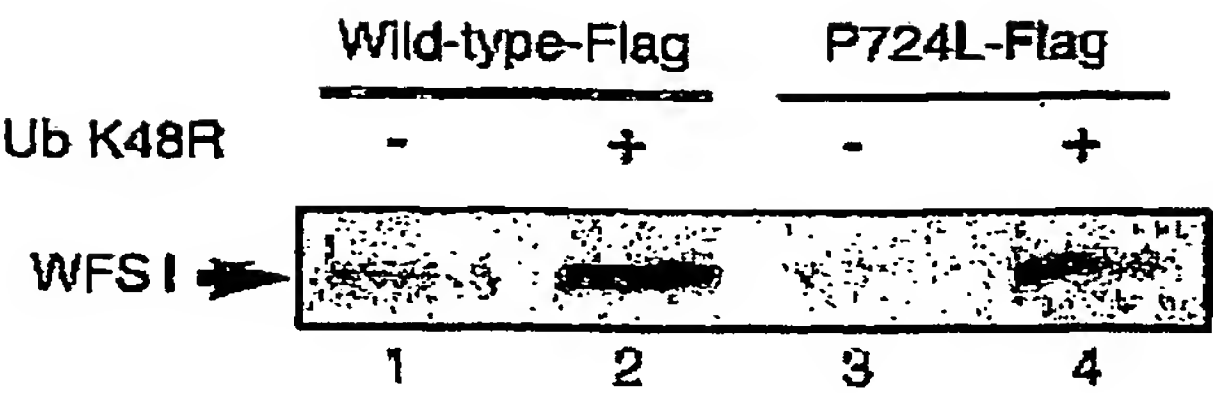


Figure 11

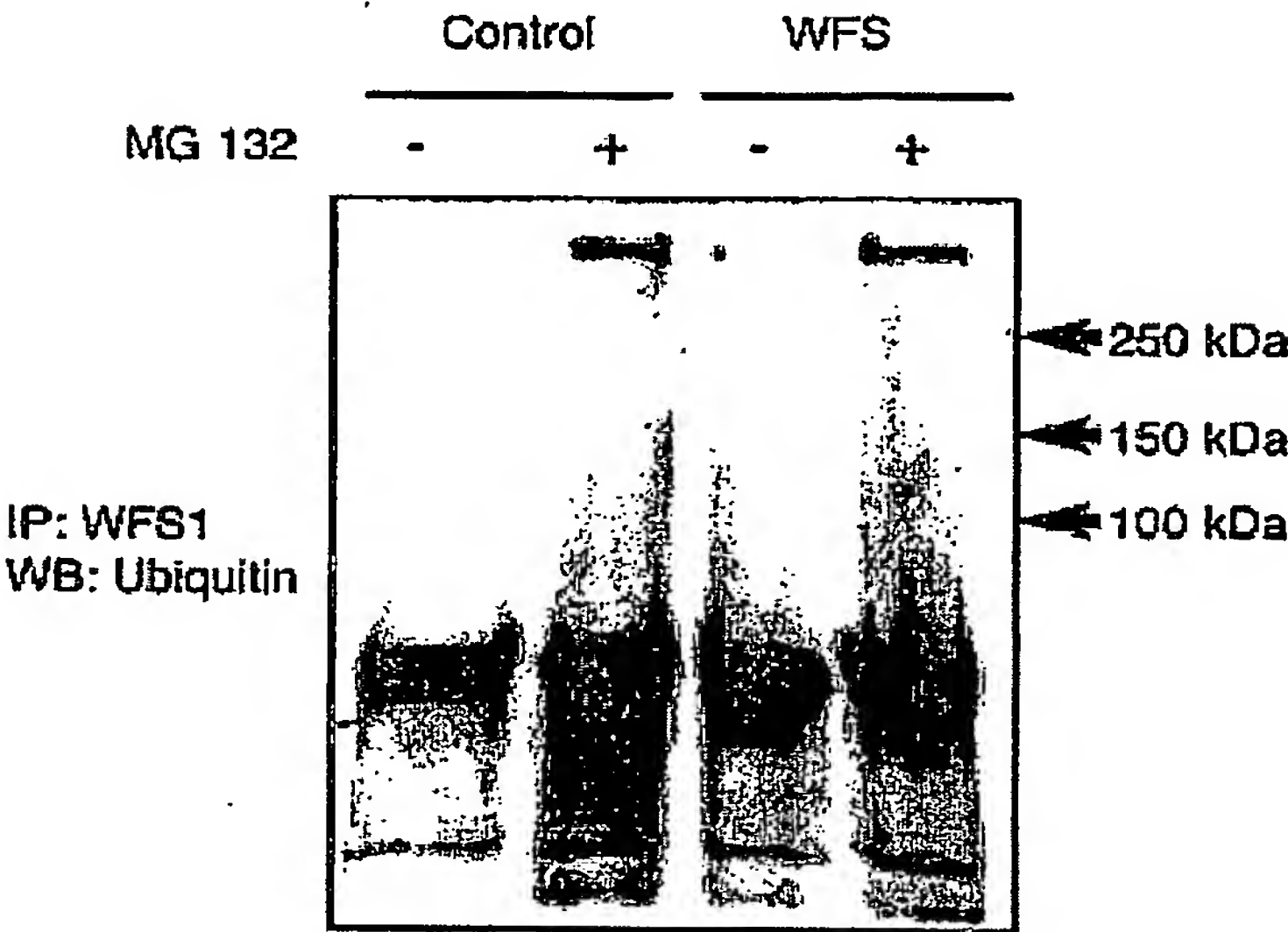


Figure 12

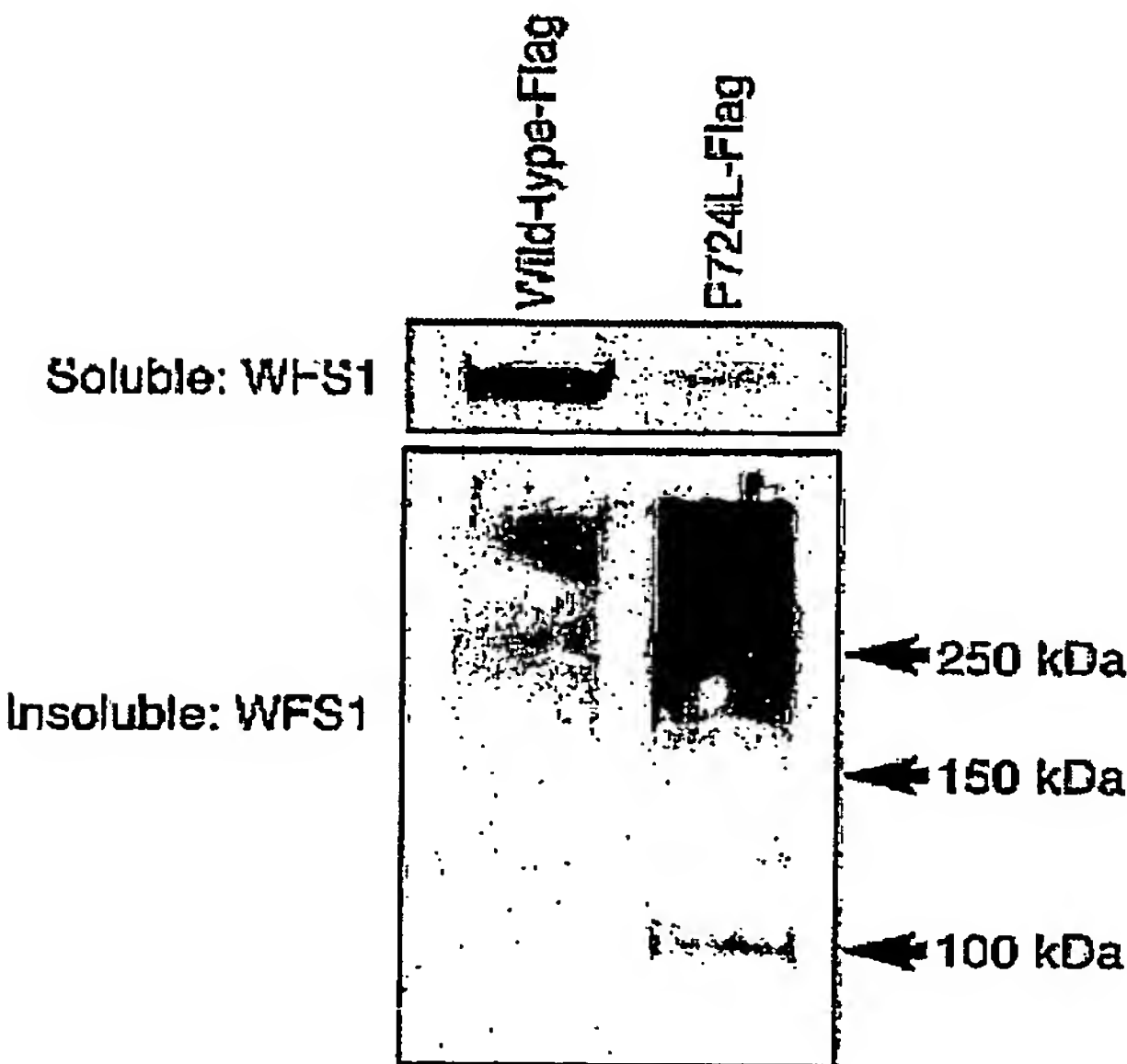


Figure 13A

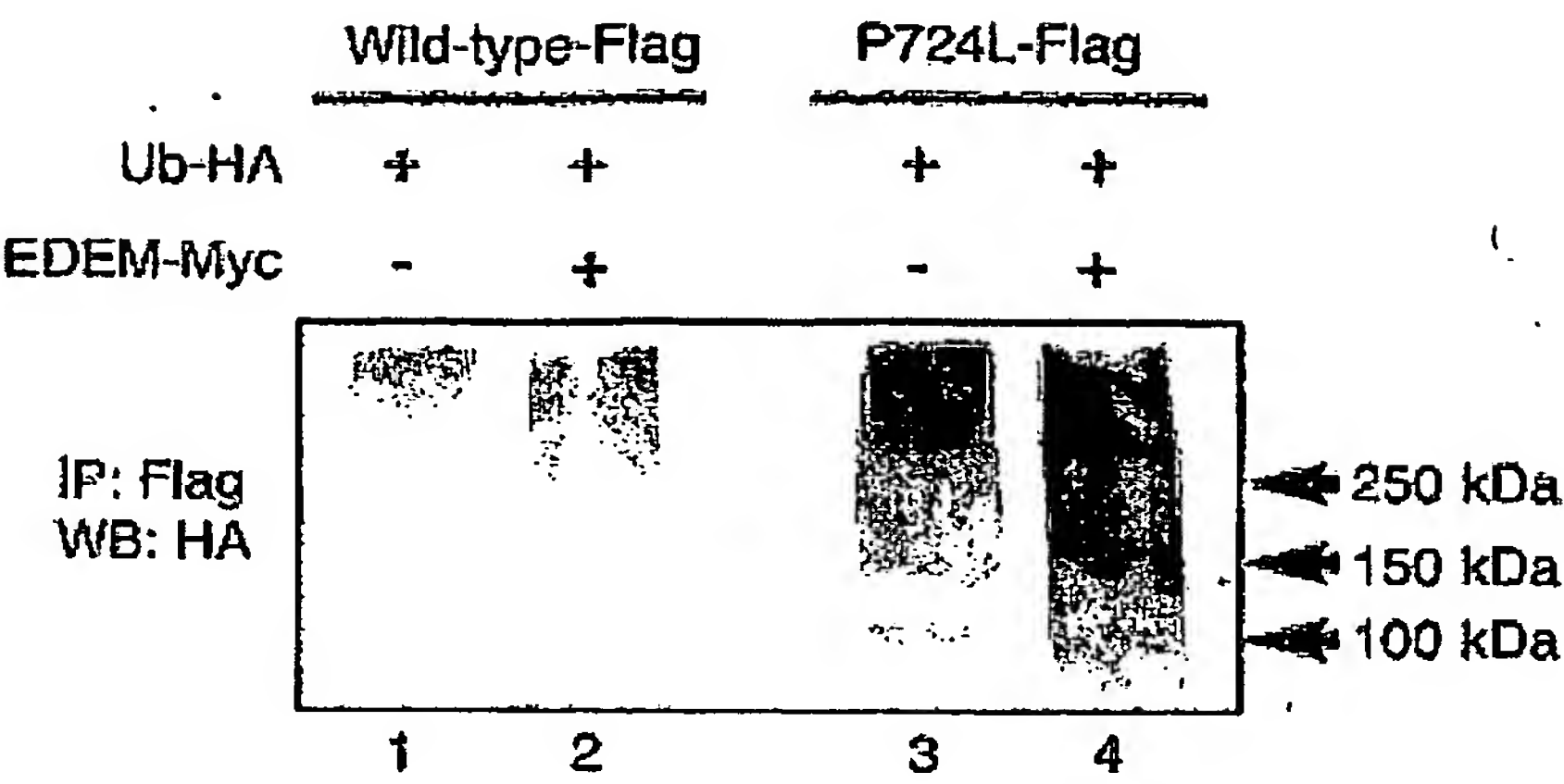


Figure 13B

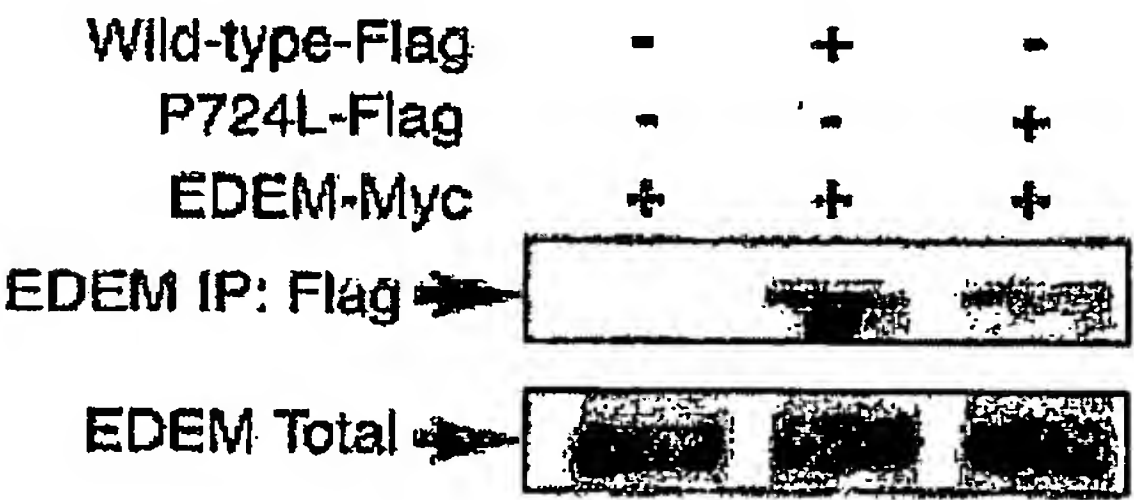


Figure 13C

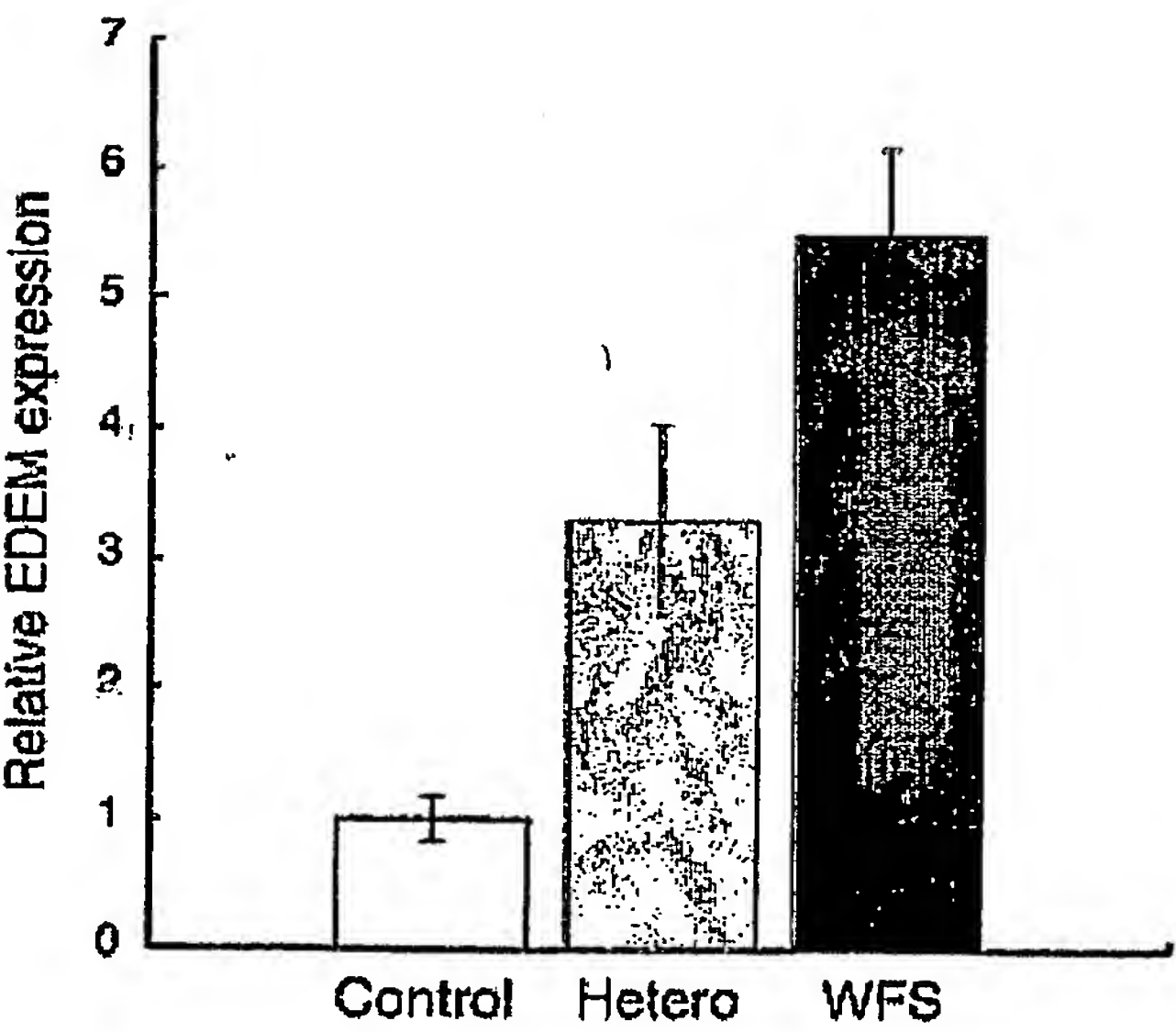


Figure 14A

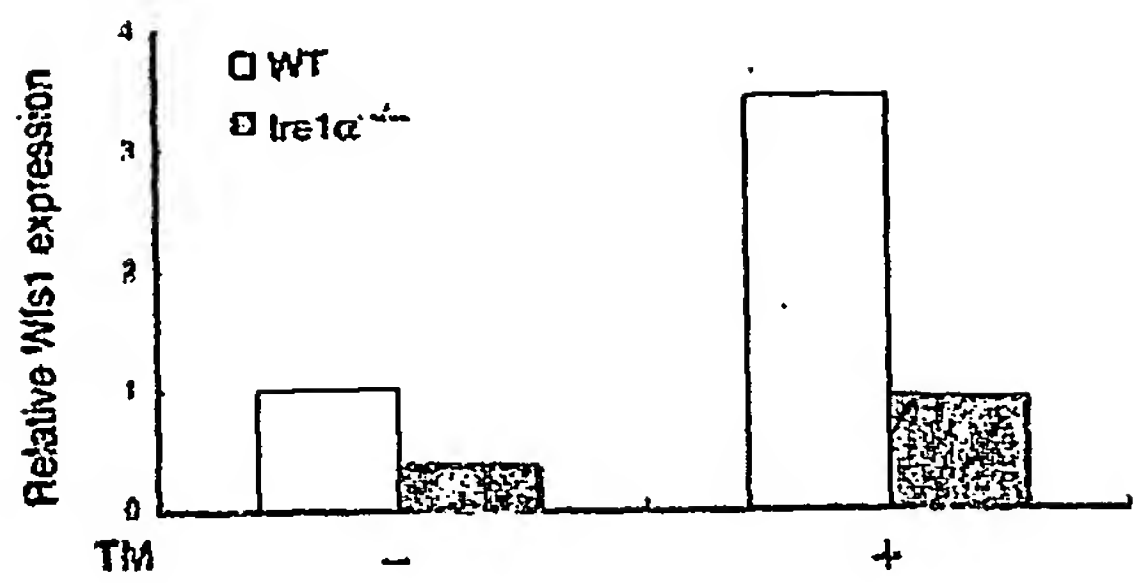


Figure 14B

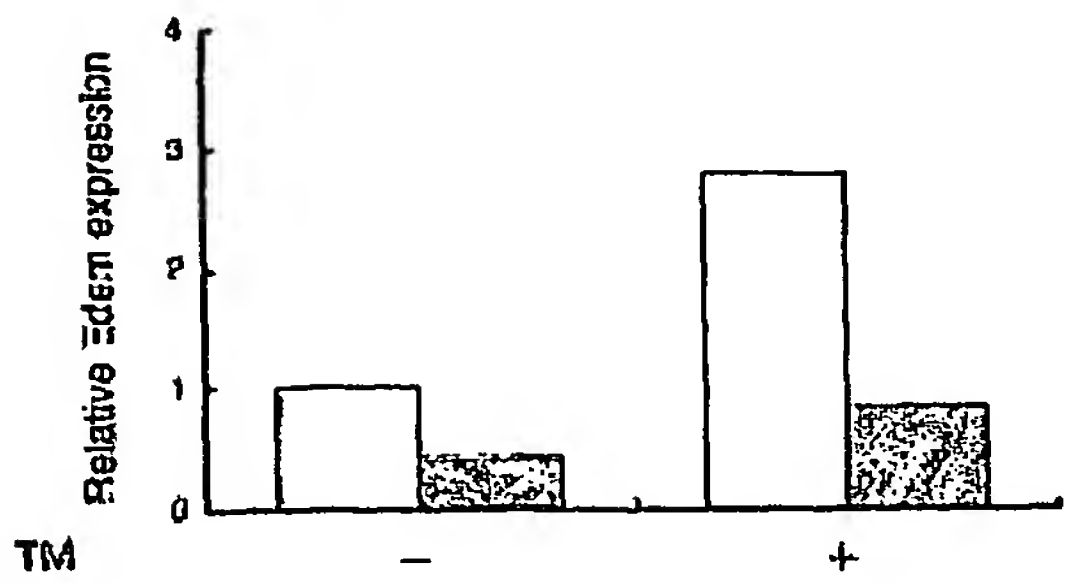


Figure 14C

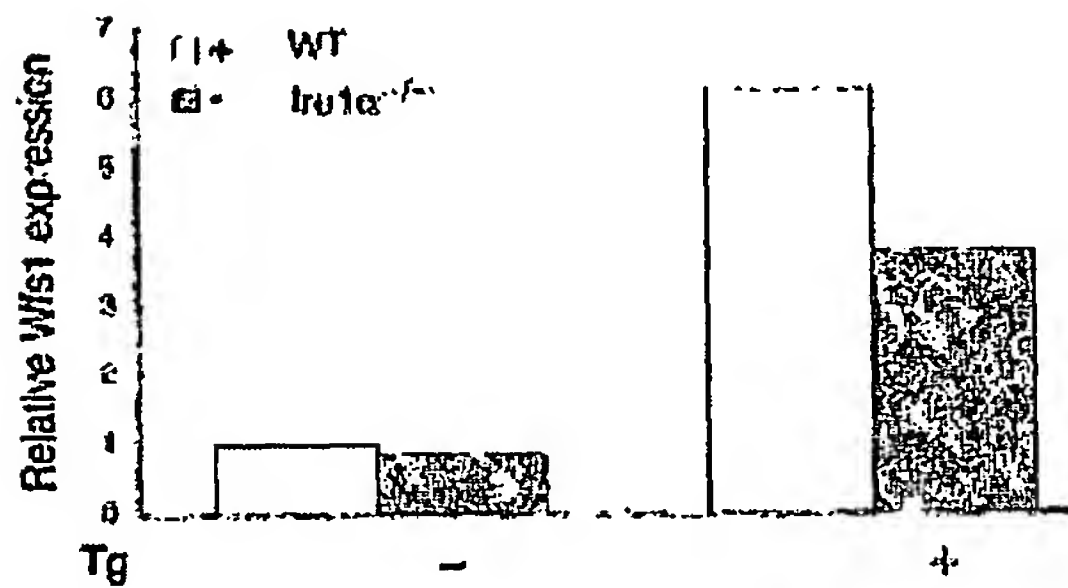


Figure 14D

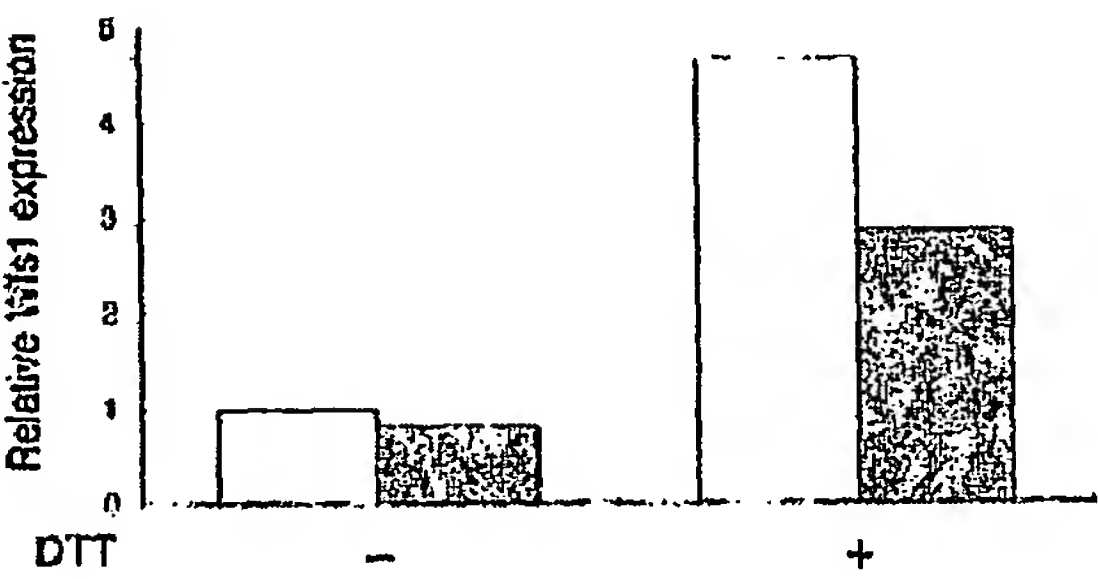


Figure 15

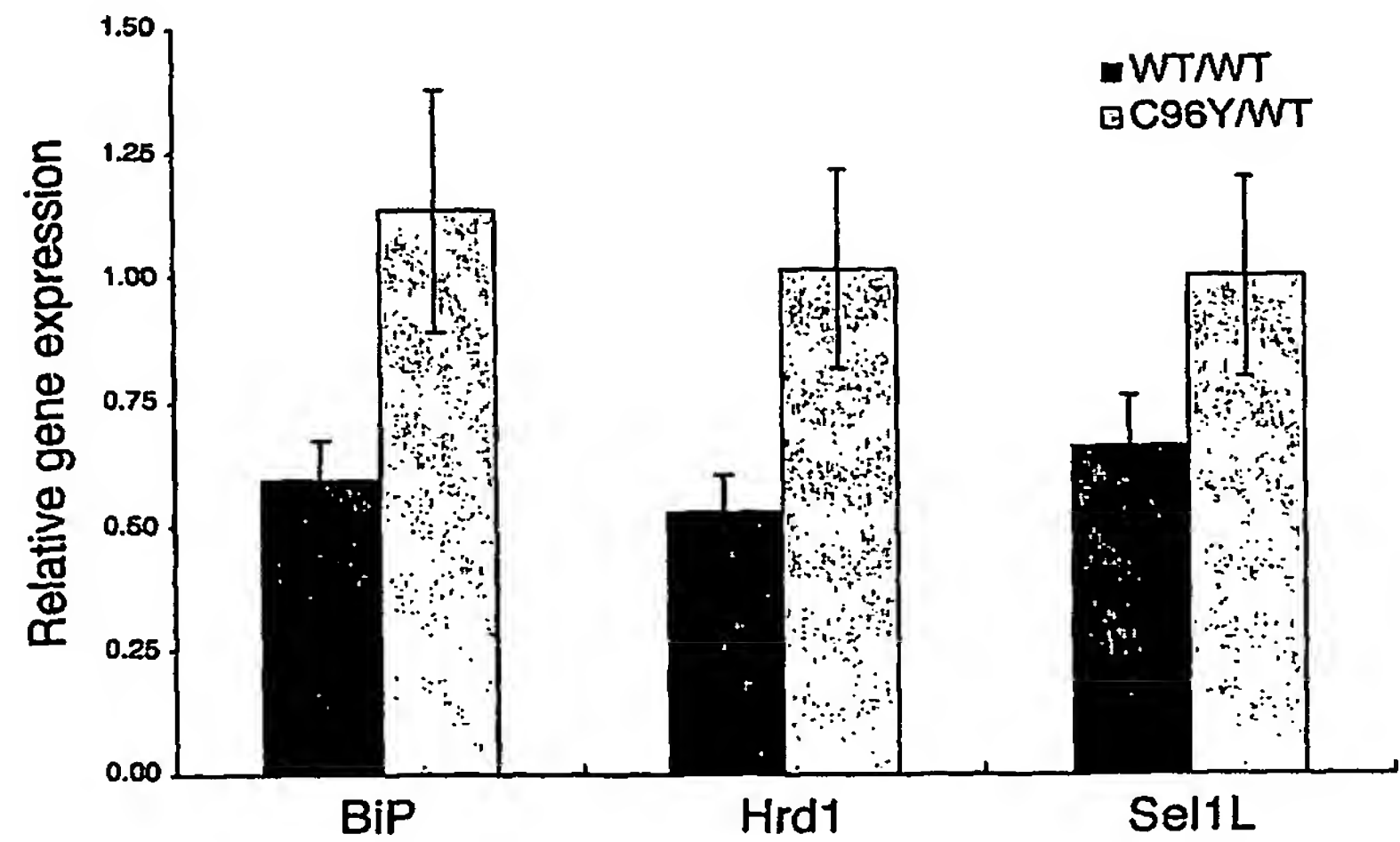


Figure 16

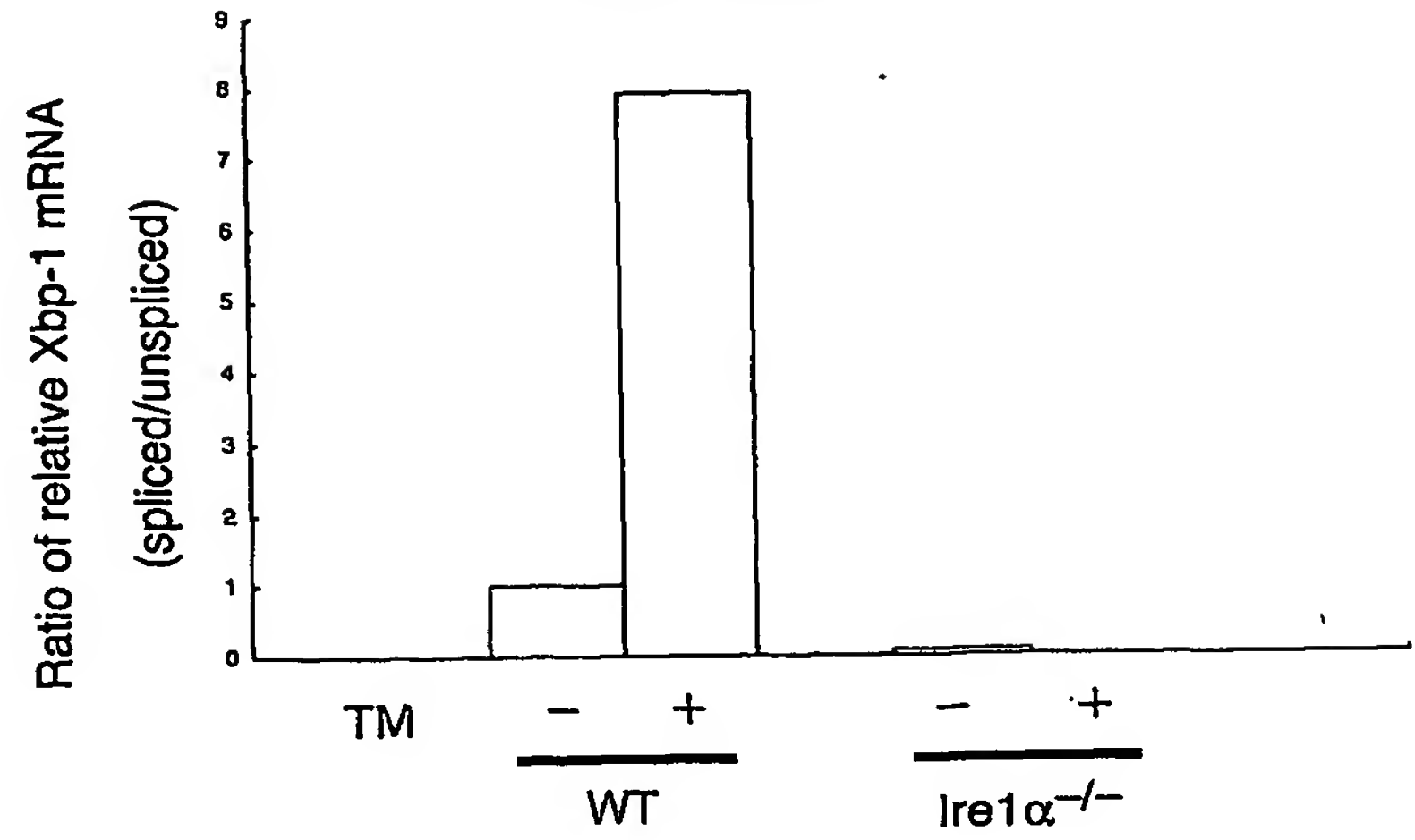


Figure 17

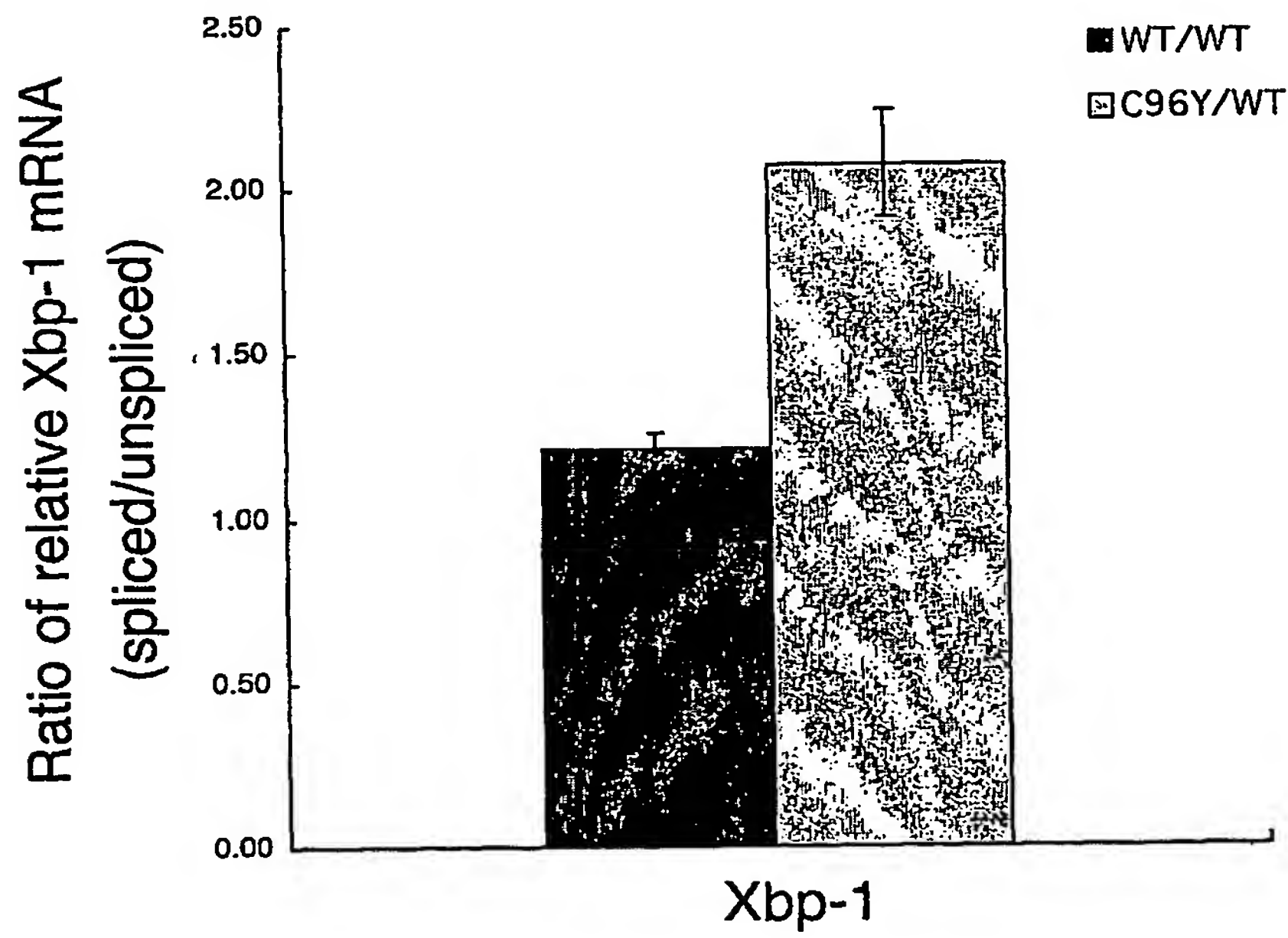


Figure 18

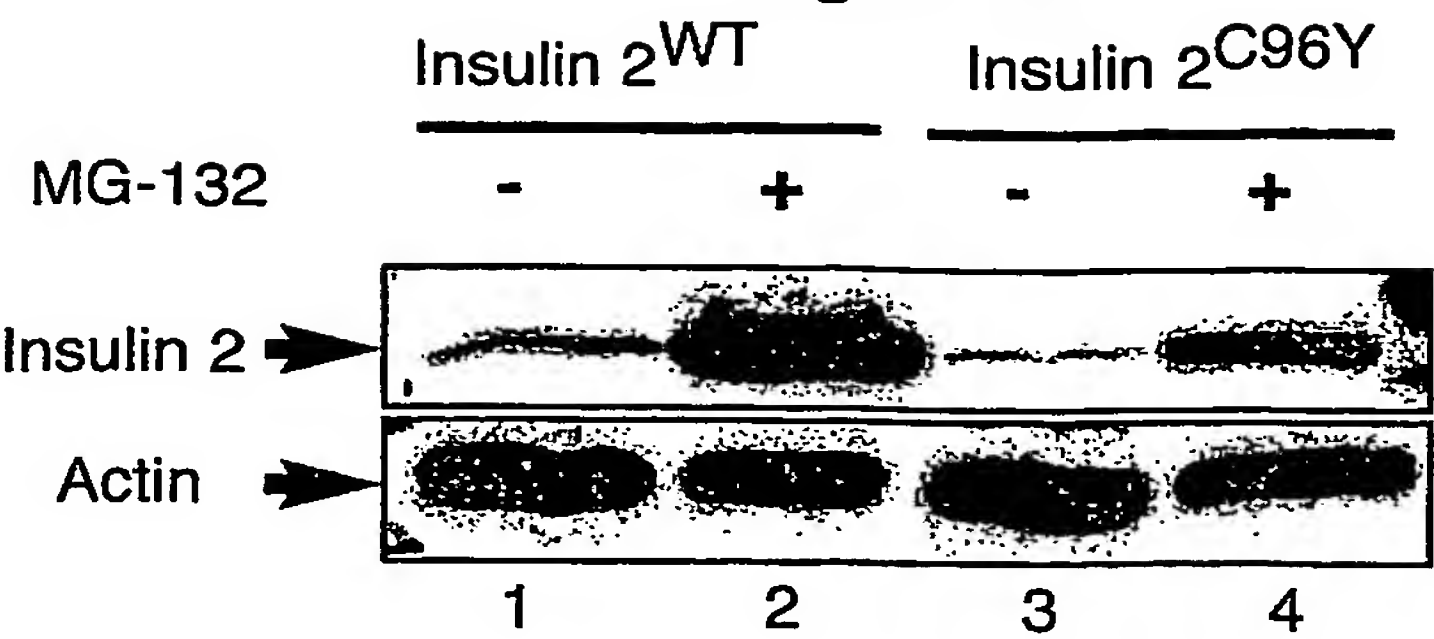


Figure 19

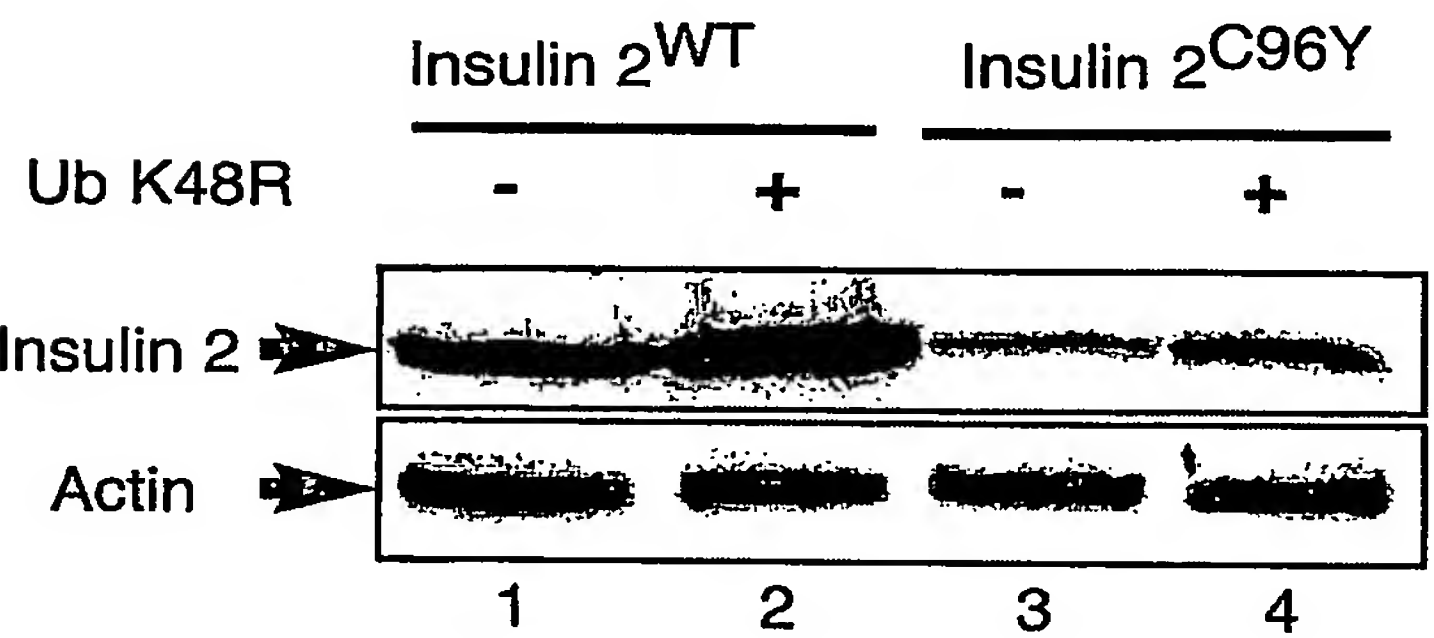


Figure 20

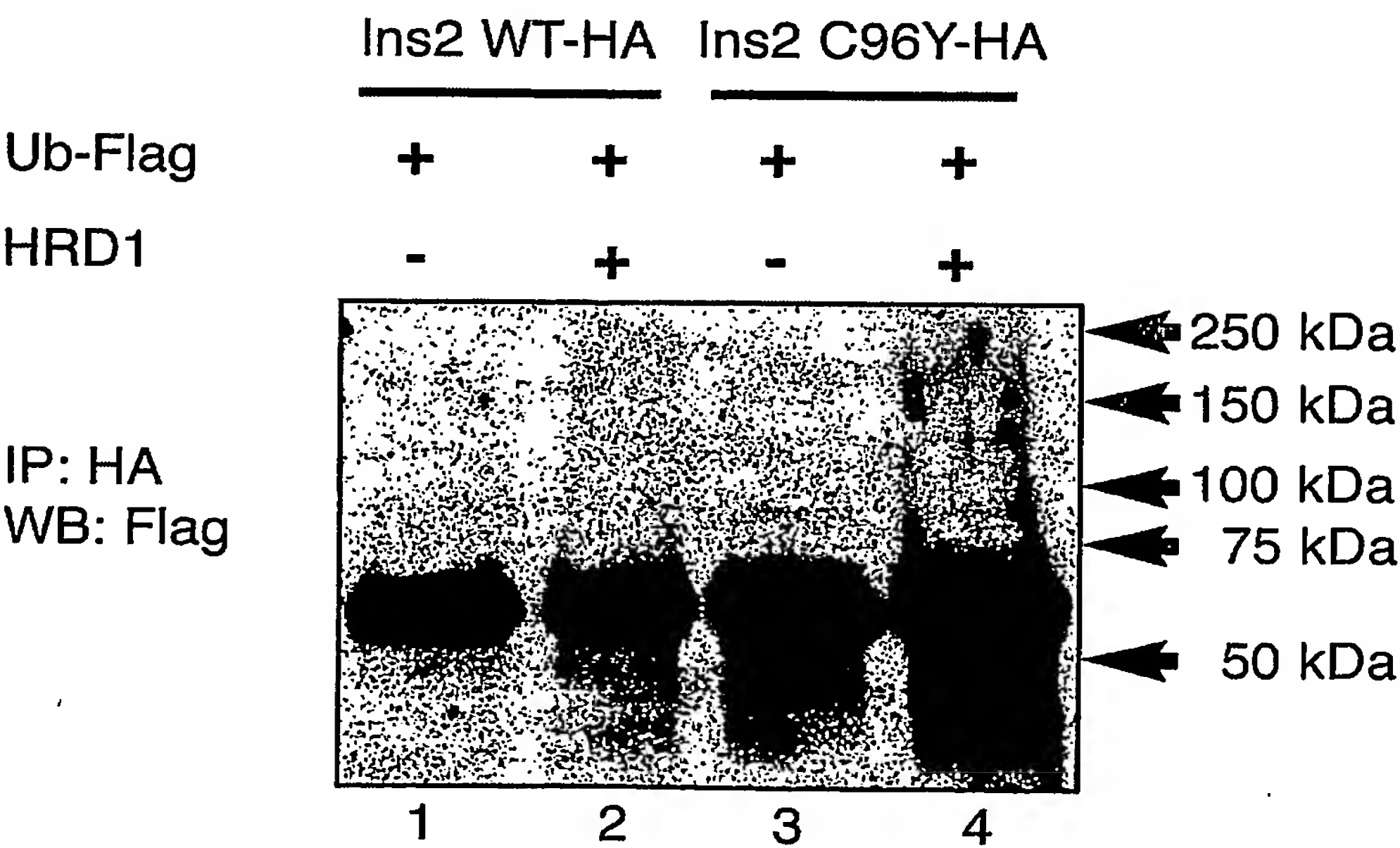


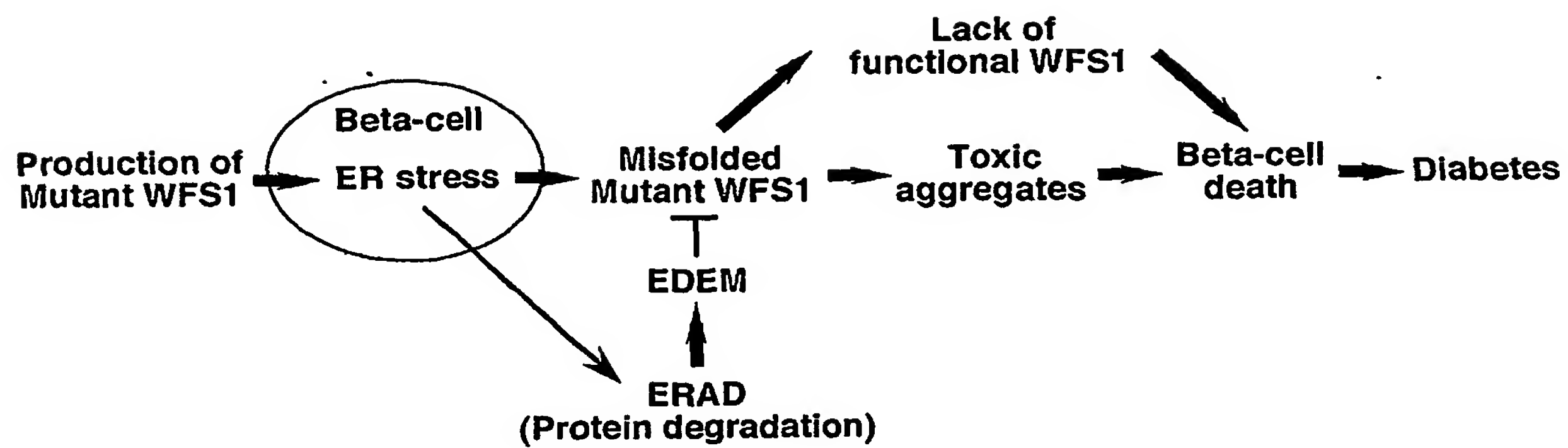
Figure 21

Figure 22A

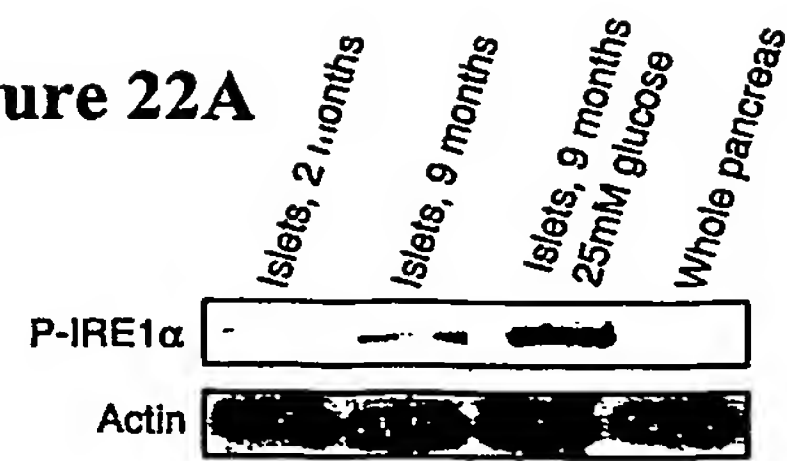


Figure 22B

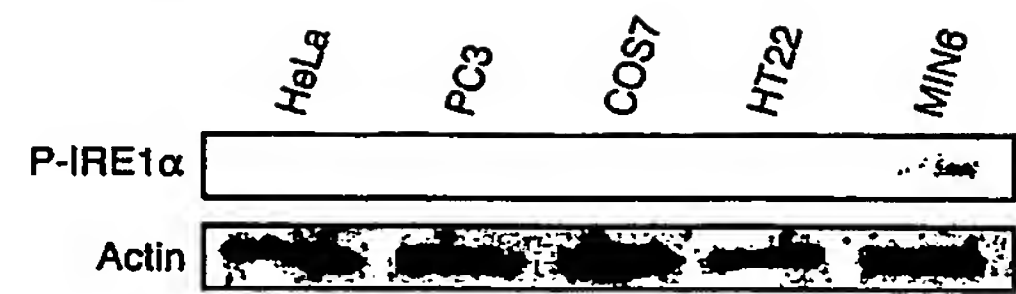


Figure 23A.

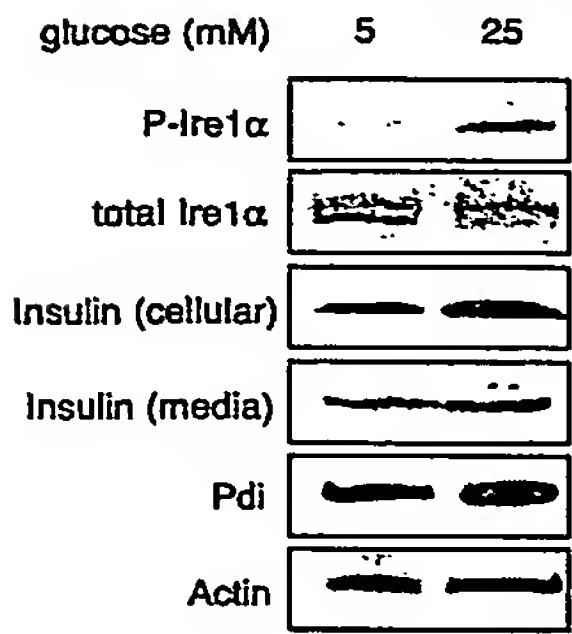


Figure 23B.

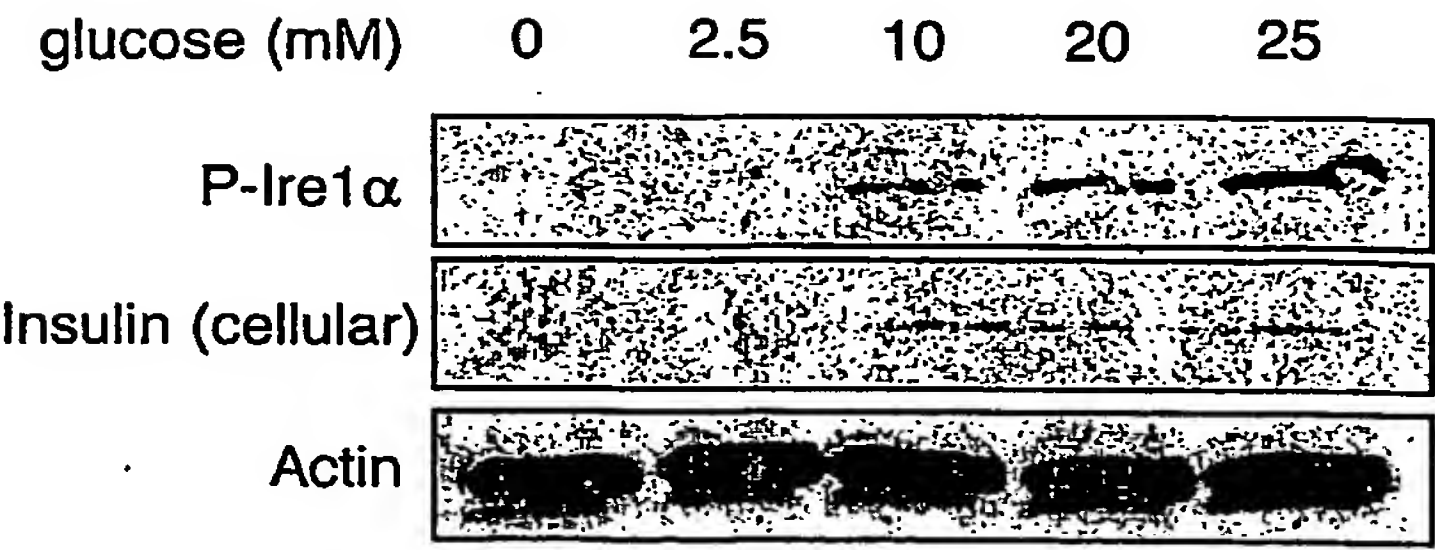


Figure 24A

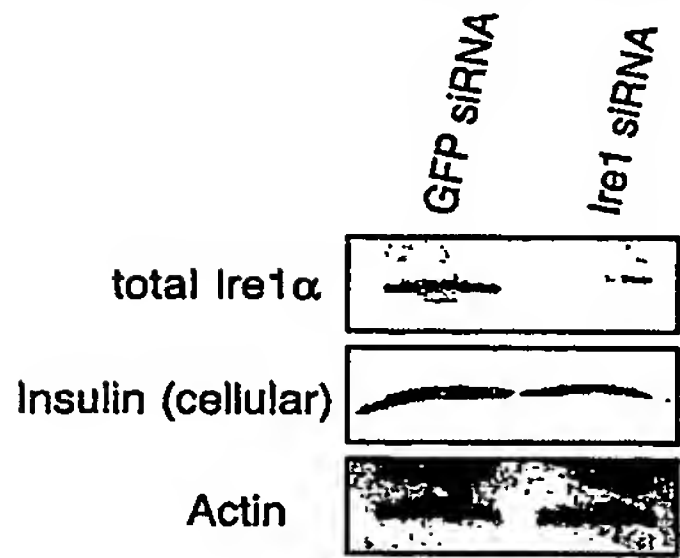


Figure 24B

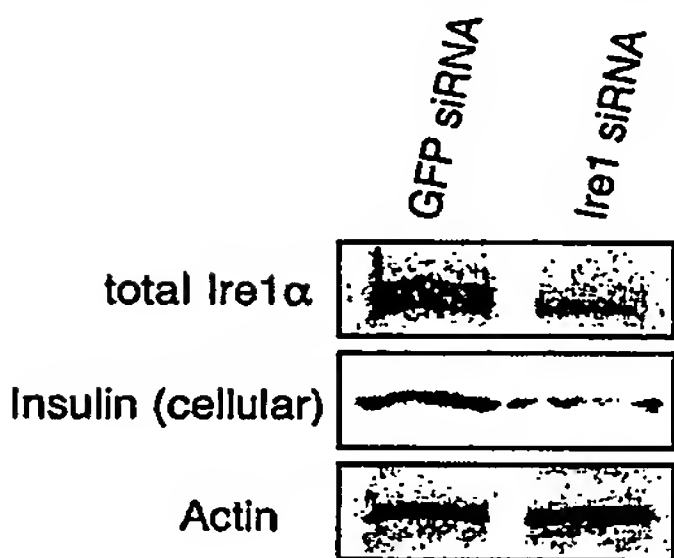


Figure 25

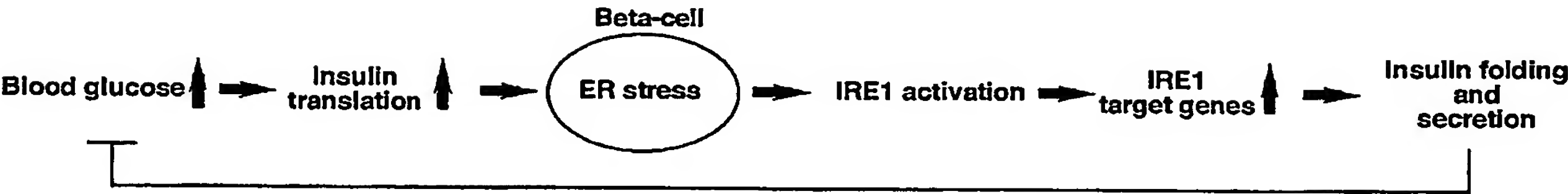


Figure 26A

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3061 aaaaaaaaaa a (SEQ ID NO:39)
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Figure 26B

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301 garklpcnhi fhtsclrswf qrgqtcpter mdvlraslpa qsppppepad qgpppaphpp
361 pllppppnfp qgllppfpfp mfplwppmfp fppvppppss geavappsts aalsrpsgaa
421 ttaagtsat aasatasgpg sgsapeagpa pgfppppwm gmpplppfaf ppmpvppagf
481 agltpeelra legherqhle arlqslrnih tlldaamlqi nqyltvlasl gpprpatsvn
541 steetattvv aaasstsips seattptpga sppapemerp papesvgtee mpedgepdaa
601 elrrrrrlqkl espvah (SEQ ID NO:39)
```


Figure 27A

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901  ccgcaacatg aacaccctgt atccagatgc caccacagag gagctccagg caatggacaa
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1021 cattttccat accagctgcc tgcgctcctg gttccagcgg cagcagacct gcccacctg
1081 ccgtatggat gtccttcgtg catcgctgcc agcgcagtca ccaccacccc cggagcctgc
1141 ggatcagggg ccacccctg ccccccaccc cccaccactc ttgcctcage ccccactt
1201 ccccagggc ctctgcctc cttttcctcc aggcattgtc cactgtggc ccccatggg
1261 cccctttcca cctgtccgc ctccccccag ctcaggagag gctgtggctc ctccatccac
1321 cagtgcagca gccctttctc ggcccagtg agcagctaca accacagctg ctggcaccag
1381 tgctactgct gcttctgcca cagcatctgg cccaggctct ggctctgccc cagaggctgg
1441 ccctgcccct ggtttcccct tccctcctcc ctggatgggt atgcccctgc ctccacctt
1501 tgccttcccc ccaatgcctg tgccccctgc gggctttgct gggctgacct cagaggagct
1561 acgagctctg gagggccatg agcggcagca cctggaggcc cggctgcaga gcctgcgtaa
1621 catccacaca ctgctggacg ccgccatgct gcagatcaac cagtacctca ccgtgctggc
1681 ctccctgggg ccccccggc ctgccacttc agtcaactcc actgaggaga ctgccactac
1741 agttgttgct gctgcctcct ccaccagcat ccctagctca gaggccacga cccaacccc
1801 aggagcctcc ccaccagccc ctgaaatgga aaggcctcca gctcctgagt cagtgggcac
1861 agaggagatg cctgaggatg gagagccga tgcagcagag ctccgcccgc gccgctgca
1921 gaagctggag tctcctgttg cccactgaca ctgcccagc ccagcccag cctctgctct
1981 tttgagcagc cctcgctgga acatgtcctg ccaccaagtg ccagctccct ctctgtctgc
2041 accagggagt agtaccacca gctctgagaa agaggcggca tcccctaggg caagtggaaa
2101 gaggctgggg ttcccatttg actccagtc caggcagcca tggggatctc gggtcagttc
2161 cagccttctc ctccaactct tcagccctgt gttctgctgg ggccatgaag gcagaagggt
2221 tagcctctga gaagccctct tcttccccca cccctttcca ggagaagggg ctgcccctcc
2281 aagccctact tgtatgtgcg gagtcacact gcagtgccga acagtattag ctcccgttcc
2341 caagtgtgga ctccagaggg gctggaggca agctatgaac ttgctcgctg gccaccct
2401 aagactggta ccatttctc tttcttacc tgatctcccc agaagcctct tgtggtggtg
2461 gctgtgcccc ctatgccttg tggcatttct gcgtcttact ggcaaccaca caactcaggg
2521 aaaggaatgc ctgggagtgg ggggtgcagg gggcagcact gagggacctt gcccgcctcc
2581 tccccccagg ccccttctc ctgcagcttc tcaagtgaga ctgacctgtc tcaccagca
2641 gccactgccc agccgcactc caggcaaggg ccagtgcgcc tgctcctgac cactgcaatc
2701 ccagcgccca aggaaggcca cttctcaact ggcagaactt ctgaagttaa gaattggaat
2761 tacttccctta ctagtgtctt ttggcttaaa ttttgtcttt tgaagttgaa tgcttaatcc
2821 cgggaaagag gaacaggagt gccagactcc tggctcttcc agtttagaaa aggctctgtg
2881 ccaaggaggg accacaggag ctgggacctg cctgcccctg tcttttcccc ttggttttgt
2941 gttacaagag ttgttgagga cagtttcaga tgattattta atttgtaaat attgtacaaa
3001 ttttaatagc ttaaattgta tatacagcca aataaaaact tgcattaaca aaaaaaaaaa
3061 aaaaaaaaaa aaaa (SEQ ID NO:40)
```

Figure 27B

```
1  mfrtavmmaa slaltgavva hayylkhqfy ptvvytlkss psmavlyiqa fvlvfllgkv
61  mgkvffgqlr aaemehller swyavtetcl aftvfrddfs prfvalftll lflkcfhwla
121  edrvdfmers pniswlfhcr ivslmfligi ldflfvshay hsiltrgasv qlvfgfeyai
181  lmtmvlrtifi kyvlhsvdlq senpwdnkav ymlytelftg fikvllymaf mtimikvhtf
241  plfairpmyl amrqfkkavt daimsrrair nmntlypdar peelqamdnt ciicreemvt
301  gakrlpcnhi fhstclrsfw qrgqteptcr mdvlraslpa qsppppepad qgppppaphpp
361  pllppppnfp qgllppfpfp mfplwppmfp fppvppppss geavappsts aaalsrpsga
421  atttaagtsa taasatasgp gsgsapeagp apgfpppppw mgmplpppfa fppmpvppag
481  fagltpeelr alegherqhl earlqslrni htlldaamlq inqyltvlas lgpprpatsv
541  nsteetattv vaaasstsip sseattptpg asppapemer ppapesvgte empedgepda
601  aelrrrrlqk lespvah (SEQ ID NO:41)
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